

AMENDMENTS TO THE SPECIFICATION:

Please replace the paragraph beginning at page 8, line 22 with the following:

A computer program employing the algorithms depicted in the flowchart of Fig. 1a through 1d can be used to automate the design of a ducting system in accordance with the present invention. The computer program can be accessed via the Internet using platform independent, like Java enabled, browsing software like Microsoft Explorer or Netscape Communicator. As shown in Fig. 2, in order to start the ducting software via an Internet connected computer, the respective Internet address 1 has to be entered in the address line of the Internet browser. After responding to user identification and password prompts, the user enters the start screen, which contains a language menu 2 for selecting the operating language of the program, and two buttons for executing functions. These buttons are a "Design a Ducting System" button 3, which enables the design function of the software, and an "Order Parts" button 4, which allows the user to skip the design function and go directly to a function for ordering parts from the manufacturer. After the design function of the software is

activated, a menu bar containing a selection of icons is displayed in the upper portion of the screen as shown in Fig. 3. While an "Open Design" icon 6 gives access to a previously created ducting design, operating a "New Design" icon 5 brings up an "Input Dialog" window 7, containing a "Welcome Screen" 8 for entering information on logistics and pricing of hardware delivery and a "Project Input Screen" 9, which can be accessed by operating the respective tab and is displayed in Fig. 4. Here a length 10 and a width 11, representing the x- and y- dimensions of a three dimensional installation space, in which the ducting system is to be installed in, are specified by the user. Additionally, a trunk line height 12, corresponding to the height above the floor level of the installation space, at which a trunk pipe system 26 providing connections to a main terminal location 15 and to drop tube locations 18, drop tubes being vertical pipes connecting the trunk pipe system with component terminals, is installed, an air velocity 13 corresponding to a uniform desired flow speed of the air in all parts of the ducting system, and information pertaining to logistics of the hardware delivery have to be added.